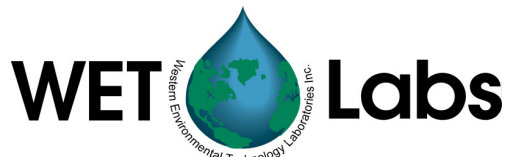


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Scattering Meter Calibration Sheet

2/21/2007 Customer: Ministere des Peches et des Oceans
Wavelength: 412 S/N#: BB9-361 Job #: 702010 Tech: cw

Use the following equation to obtain "scaled" output values:

$$\beta(\theta c) \text{ m}^{-1} \text{ sr}^{-1} = \text{Scale Factor} \times (\text{Output} - \text{Dark Counts})$$

- **Scale Factor for 412 nm** = 1.197E-05 (counts)
- **Output** = meter reading (counts)
- **Dark counts** = 51 (counts)

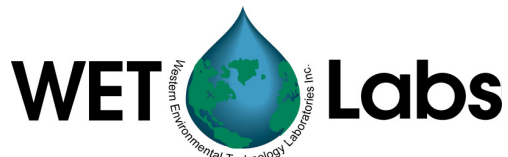
Instrument Resolution = 1.0 (counts) 1.23E-05 ($\text{m}^{-1} \text{ sr}^{-1}$)

Definitions:

- **Scale Factor:** Calibration scale factor, $\beta(\theta c)/\text{counts}$. Refer to User's Guide for derivation.
- **Output:** Measured signal output of the scattering meter.
- **Dark Counts:** Signal obtained by covering detector with black tape and submersing sensor in water.

Instrument Resolution: Standard deviation of 1 minute of collected data.

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Scattering Meter Calibration Sheet

2/21/2007 Customer: Ministere des Peches et des Oceans
Wavelength: 440 S/N#: BB9-361 Job #: 702010 Tech: cw

Use the following equation to obtain "scaled" output values:

$$\beta(\theta c) \text{ m}^{-1} \text{ sr}^{-1} = \text{Scale Factor} \times (\text{Output} - \text{Dark Counts})$$

- **Scale Factor for 440 nm** = 1.216E-05 (counts)
- **Output** = meter reading (counts)
- **Dark counts** = 53 (counts)

Instrument Resolution = 1.0 (counts) 1.21E-05 ($\text{m}^{-1} \text{sr}^{-1}$)

Definitions:

- **Scale Factor:** Calibration scale factor, $\beta(\theta c)/\text{counts}$. Refer to User's Guide for derivation.
- **Output:** Measured signal output of the scattering meter.
- **Dark Counts:** Signal obtained by covering detector with black tape and submersing sensor in water.

Instrument Resolution: Standard deviation of 1 minute of collected data.

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Scattering Meter Calibration Sheet

2/21/2007 Customer: Ministere des Peches et des Oceans
Wavelength: 488 S/N#: BB9-361 Job #: 702010 Tech: cw

Use the following equation to obtain "scaled" output values:

$$\beta(\theta c) \text{ m}^{-1} \text{ sr}^{-1} = \text{Scale Factor} \times (\text{Output} - \text{Dark Counts})$$

- **Scale Factor for 488 nm** = 1.069E-05 (counts)
- **Output** = meter reading (counts)
- **Dark counts** = 50 (counts)

Instrument Resolution = 0.9 (counts) 9.24E-06 ($\text{m}^{-1} \text{ sr}^{-1}$)

Definitions:

- **Scale Factor:** Calibration scale factor, $\beta(\theta c)/\text{counts}$. Refer to User's Guide for derivation.
- **Output:** Measured signal output of the scattering meter.
- **Dark Counts:** Signal obtained by covering detector with black tape and submersing sensor in water.

Instrument Resolution: Standard deviation of 1 minute of collected data.

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Scattering Meter Calibration Sheet

2/21/2007 Customer: Ministere des Peches et des Oceans
Wavelength: 510 S/N#: BB9-361 Job #: 702010 Tech: cw

Use the following equation to obtain "scaled" output values:

$$\beta(\theta c) \text{ m}^{-1} \text{ sr}^{-1} = \text{Scale Factor} \times (\text{Output} - \text{Dark Counts})$$

- **Scale Factor for 510 nm** = 8.882E-06 (counts)
- **Output** = meter reading (counts)
- **Dark counts** = 50 (counts)

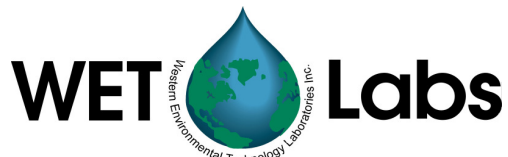
Instrument Resolution = 1.1 (counts) 1.02E-05 ($\text{m}^{-1} \text{ sr}^{-1}$)

Definitions:

- **Scale Factor:** Calibration scale factor, $\beta(\theta c)/\text{counts}$. Refer to User's Guide for derivation.
- **Output:** Measured signal output of the scattering meter.
- **Dark Counts:** Signal obtained by covering detector with black tape and submersing sensor in water.

Instrument Resolution: Standard deviation of 1 minute of collected data.

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Scattering Meter Calibration Sheet

2/21/2007 Customer: Ministere des Peches et des Oceans
Wavelength: 532 S/N#: BB9-361 Job #: 702010 Tech: cw

Use the following equation to obtain "scaled" output values:

$$\beta(\theta c) \text{ m}^{-1} \text{ sr}^{-1} = \text{Scale Factor} \times (\text{Output} - \text{Dark Counts})$$

- **Scale Factor for 532 nm** = 7.604E-06 (counts)
- **Output** = meter reading (counts)
- **Dark counts** = 51 (counts)

Instrument Resolution = 1.1 (counts) 8.66E-06 ($\text{m}^{-1} \text{ sr}^{-1}$)

Definitions:

- **Scale Factor:** Calibration scale factor, $\beta(\theta c)/\text{counts}$. Refer to User's Guide for derivation.
- **Output:** Measured signal output of the scattering meter.
- **Dark Counts:** Signal obtained by covering detector with black tape and submersing sensor in water.

Instrument Resolution: Standard deviation of 1 minute of collected data.

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Scattering Meter Calibration Sheet

2/21/2007 Customer: Ministere des Peches et des Oceans
Wavelength: 595 S/N#: BB9-361 Job #: 702010 Tech: cw

Use the following equation to obtain "scaled" output values:

$$\beta(\theta c) \text{ m}^{-1} \text{ sr}^{-1} = \text{Scale Factor} \times (\text{Output} - \text{Dark Counts})$$

- **Scale Factor for 595 nm** = 4.906E-06 (counts)
- **Output** = meter reading (counts)
- **Dark counts** = 58 (counts)

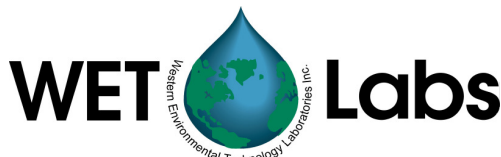
Instrument Resolution = 1.1 (counts) 5.39E-06 ($\text{m}^{-1} \text{ sr}^{-1}$)

Definitions:

- **Scale Factor:** Calibration scale factor, $\beta(\theta c)/\text{counts}$. Refer to User's Guide for derivation.
- **Output:** Measured signal output of the scattering meter.
- **Dark Counts:** Signal obtained by covering detector with black tape and submersing sensor in water.

Instrument Resolution: Standard deviation of 1 minute of collected data.

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Scattering Meter Calibration Sheet

2/21/2007 Customer: Ministere des Peches et des Oceans
Wavelength: 660 S/N#: BB9-361 Job #: 702010 Tech: cw

Use the following equation to obtain "scaled" output values:

$$\beta(\theta c) \text{ m}^{-1} \text{ sr}^{-1} = \text{Scale Factor} \times (\text{Output} - \text{Dark Counts})$$

- **Scale Factor for 660 nm** = 3.898E-06 (counts)
- **Output** = meter reading (counts)
- **Dark counts** = 55 (counts)

Instrument Resolution = 1.2 (counts) 4.59E-06 ($\text{m}^{-1} \text{ sr}^{-1}$)

Definitions:

- **Scale Factor:** Calibration scale factor, $\beta(\theta c)/\text{counts}$. Refer to User's Guide for derivation.
- **Output:** Measured signal output of the scattering meter.
- **Dark Counts:** Signal obtained by covering detector with black tape and submersing sensor in water.

Instrument Resolution: Standard deviation of 1 minute of collected data.

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Scattering Meter Calibration Sheet

2/21/2007 Customer: Ministere des Peches et des Oceans
Wavelength: 676 S/N#: BB9-361 Job #: 702010 Tech: cw

Use the following equation to obtain "scaled" output values:

$$\beta(\theta c) \text{ m}^{-1} \text{ sr}^{-1} = \text{Scale Factor} \times (\text{Output} - \text{Dark Counts})$$

- **Scale Factor for 676 nm** = 3.562E-06 (counts)
- **Output** = meter reading (counts)
- **Dark counts** = 42 (counts)

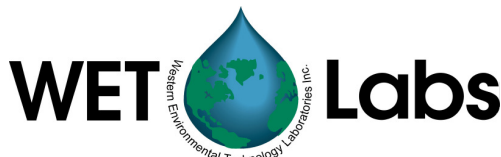
Instrument Resolution = 1.7 (counts) 6.02E-06 ($\text{m}^{-1} \text{ sr}^{-1}$)

Definitions:

- **Scale Factor:** Calibration scale factor, $\beta(\theta c)/\text{counts}$. Refer to User's Guide for derivation.
- **Output:** Measured signal output of the scattering meter.
- **Dark Counts:** Signal obtained by covering detector with black tape and submersing sensor in water.

Instrument Resolution: Standard deviation of 1 minute of collected data.

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Scattering Meter Calibration Sheet

2/21/2007 Customer: Ministere des Peches et des Oceans
Wavelength: 715 S/N#: BB9-361 Job #: 702010 Tech: cw

Use the following equation to obtain "scaled" output values:

$$\beta(\theta c) \text{ m}^{-1} \text{ sr}^{-1} = \text{Scale Factor} \times (\text{Output} - \text{Dark Counts})$$

- **Scale Factor for 715 nm** = 3.196E-06 (counts)
- **Output** = meter reading (counts)
- **Dark counts** = 49 (counts)

Instrument Resolution = 0.8 (counts) 2.48E-06 ($\text{m}^{-1} \text{ sr}^{-1}$)

Definitions:

- **Scale Factor:** Calibration scale factor, $\beta(\theta c)/\text{counts}$. Refer to User's Guide for derivation.
- **Output:** Measured signal output of the scattering meter.
- **Dark Counts:** Signal obtained by covering detector with black tape and submersing sensor in water.

Instrument Resolution: Standard deviation of 1 minute of collected data.